

Message (Digitally Signed)

From: Robinson, Derek J CIV USN NAVFAC SW SAN CA (USA) [derek.j.robinson1.civ@us.navy.mil]
Sent: 10/28/2021 2:34:37 PM
To: Brownell, Amy (DPH) [amy.brownell@sfdph.org]; paul.stoick@navy.mil; Praskins, Wayne [Praskins.Wayne@epa.gov]
CC: derek.j.robinson1 [derek.j.robinson1@navy.mil]; Sanchez, Yolanda [Sanchez.Yolanda@epa.gov]
Subject: RE: Follow-up on Navy Timely Topic and Fact Sheet
Attachments: smime.p7s

Seems pretty clear that they used the PRG calculator. I do not know how it was run.

From: Brownell, Amy (DPH) <amy.brownell@sfdph.org>
Sent: Wednesday, October 27, 2021 1:59 PM
To: paul.stoick@navy.mil; Wayne Praskins (Praskins.Wayne@epa.gov) <Praskins.Wayne@epa.gov>
Cc: derek.j.robinson1 <derek.j.robinson1@navy.mil>; Yolanda Sanchez (Sanchez.Yolanda@epa.gov) <Sanchez.Yolanda@epa.gov>
Subject: [Non-DoD Source] Follow-up on Navy Timely Topic and Fact Sheet

Paul or Wayne:

I'm just making sure I have my facts straight in relation to the Navy Timely Topic and Fact Sheet

I've cc'd Yolanda too because maybe she has looked into this particular question?

Table 7-2 of the Navy's Background Soil Study Report June 2020 (attached) references the Navy 2006 FINAL BASEWIDE RADIOLOGICAL REMOVAL ACTION ACTION MEMORANDUM – REVISION 2006 (attached)

And when I look for how Strontium 90 Remedial Goal of 0.331 picocuries per gram were calculated the only thing I can find are these sentences that are applicable to this radionuclide in soil:

- Soil cleanup goals: EPA decay-corrected PRGs (EPA, 1991)
- Application of soils, debris, and surface cleanup goals to sites: MARSSIM guidance

So was the 0.331 calculated using the EPA PRG radionuclide calculator in 2006 (or prior) using 1E-4 with no produce pathway because there wasn't one in 1991?

Or was MARSSIM somehow used to calculate the soil number?

Or some other method?

Phone call please if easier or more efficient 415-252-3967

No need to leave long vm because all vms are automatically turned into emails. So "call me" is sufficient. thanks

sincerely,

Amy Brownell, P.E.

Environmental Engineer

Programs for Health Code Article 31 and Naval Facility Clean Up & Closure

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